

### REMARKS

Applicant sincerely appreciates the thorough examination of the present application, as evidenced by the Office Action of November 12, 2009 ("Office Action"). Applicant has amended independent Claim 9 to clarify the arrangement of the mesh relative to the throughhole. Applicant respectfully submits that no new matter has been added and support for the clarifying amendment can be found at least in Applicant's FIG. 5. Claims 9-20 are presently pending. Applicant respectfully submits, for the reasons explained below, that the application is in condition for allowance, which is requested.

#### **Claim 9 is Patentable over DuFosse and Yoshikawa**

Claim 9 is rejected under 35 U.S.C. §103(a) as being unpatentable over U.S. Publication No. 2003/0068987 to DuFosse et al. ("DuFosse") in view of U.S. Patent No. 6,262,364 to Yoshikawa et al. ("Yoshikawa"). Applicant respectfully traverses the rejection for at least the reason that DuFosse and Yoshikawa, alone or in combination, do not disclose or suggest several of the recitations of Claim 9, as amended. For example, Claim 9, as amended, recites, in part:

a mesh comprising an electrically conducting material positioned between a cover of the acoustic element and the board,  
wherein the mesh is arranged to be substantially parallel to and adjacent the at least one throughhole and is connected to the ground plane of the board to enhance the efficiency of the antenna.

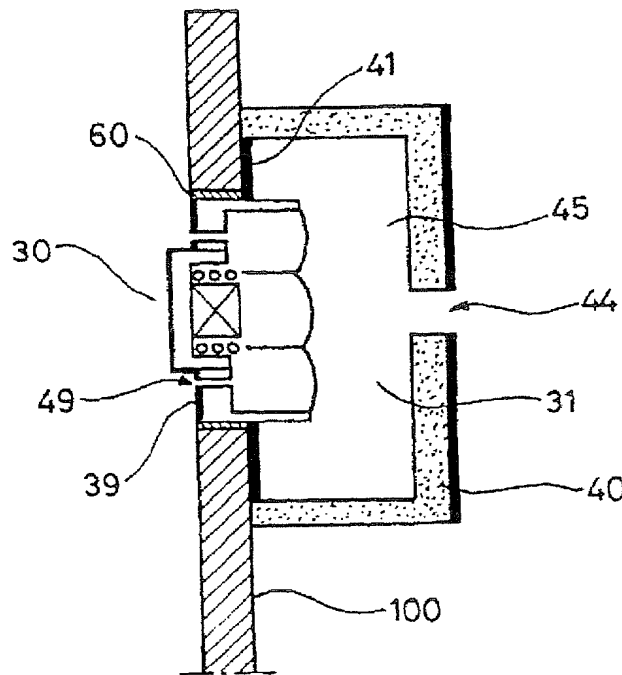
In rejecting Claim 9, the Office Action states that DuFosse discloses:

[a] seal (60, Figure 4) comprising an electrically conducting material positioned between a cover of the acoustic element (30) and the board (100), wherein the seal (60) is connected to the ground plane (41) of the board to enhance the efficiency of the antenna.

(Office Action, pages 2-3.) The Office Action concedes that Dufosse does not disclose that the seal is a mesh and that Yoshikawa discloses a mesh. (Office Action, page 3.)

Applicant respectfully submits that Claim 9 is amended to clarify that the mesh (not a seal) "is arranged to be substantially parallel to and adjacent the at least one throughhole."

Applicant respectfully submits that the seal 60 described in DuFosse is wholly distinctive from the recited arrangement. For example, FIG. 4 of DuFosse is reproduced below for the Examiner's convenience.



In contrast with the recitations of Claim 9, as illustrated above, the seal 60 in DuFosse appears to be arranged between a transducer frame 39 and a printed circuit board 100. In this regard, Dufosse does not disclose or suggest "wherein the mesh is arranged to be substantially parallel to and adjacent the at least one throughhole and is connected to the ground plane of the board to enhance the efficiency of the antenna," as recited in Claim 9, as amended.

Applicant notes that the Office Action appears to rely on Yoshikawa merely for the teaching that the seal is a mesh. In this regard, even if the seal in DuFosse were formed as a mesh, such mesh would not be arranged in accordance with the recitations of Claim 9. Accordingly, Dufosse and Yoshikawa, alone or in combination, do not disclose or suggest several of the recitations of Claim 9, as amended, the allowance of which is respectfully requested.

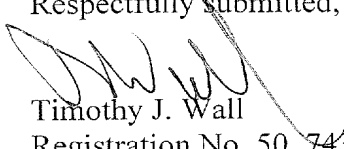
**Dependent Claims are Patentable**

Applicant traverses the rejection of the dependent claims as each of these claims depends from a base claim that is believed to be in condition for allowance. Accordingly, Applicant does not believe that it is necessary to argue the allowability of each dependent claim individually. Applicant does not necessarily concur with the interpretation of these claims, nor with the bases for rejection set forth in the Office Action. Applicant therefore reserves the right to address the patentability of these claims individually as necessary in the future.

**CONCLUSION**

In light of the above remarks, Applicant respectfully submits that the above-entitled application is now in condition for allowance. Favorable reconsideration of this application, as amended, is respectfully requested. If, in the opinion of the Examiner, a telephonic conference would expedite the examination of this matter, the Examiner is invited to call the undersigned attorney at (919) 854-1400.

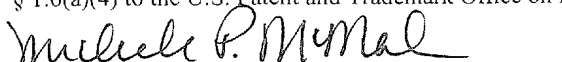
Respectfully submitted,

  
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**CERTIFICATION OF TRANSMISSION**

I hereby certify that this correspondence is being transmitted via the Office electronic filing system in accordance with § 1.6(a)(4) to the U.S. Patent and Trademark Office on February 11, 2010.

  
Michele P. McMahan